

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--------------------------|------------------|
| 1 | 2 | 6063705.pn. | USPAT; EPO; JPO; DERWENT | 2004/07/06 19:17 |
| 2 | 2 | 5372849.pn. | USPAT; EPO; JPO; DERWENT | 2004/07/06 19:17 |
| - | 5706 | semiconductor and precursor and reduc\$3 and metal | USPAT; EPO; JPO; DERWENT | 2004/07/06 19:12 |
| - | 2588 | (semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel) | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:36 |
| - | 1296 | ((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6 | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:37 |
| - | 985 | ((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten) | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:39 |
| - | 292 | ((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:40 |
| - | 216 | ((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic) | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:44 |
| - | 136 | (((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:58 |
| - | 108 | (((((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidi\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon) and electrode | USPAT; EPO; JPO; DERWENT | 2002/03/22 09:59 |
| - | 686 | (metal\$2 adj organic) with precursor\$1 | USPAT; JPO; DERWENT | 2002/05/08 08:58 |
| - | 730 | (metal\$2 adj organic) with precursor\$1 | USPAT; EPO; JPO; DERWENT | 2002/05/08 08:58 |
| - | 8627 | reduc\$3 near3 (atmoshere or ambient) | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:00 |
| - | 45030 | reduc\$3 near3 (atmosphere or ambient) | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:00 |
| - | 7 | ((metal\$2 adj organic) with precursor\$1) same (reduc\$3 near3 (atmosphere or ambient)) | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:09 |
| - | 142 | 438/686.cccls. | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:10 |
| - | 3 | reduc\$3 and (metal\$2 adj precursor) | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:26 |
| - | 1880 | reduc\$3 and (metal\$2 adj organic) and precursor | USPAT; EPO; JPO; DERWENT | 2004/03/11 15:02 |

| | | | | |
|---|--------|---|--------------------------|------------------|
| - | 12 | 438/686.ccls. and (reduc\$3 and (metal\$2 adj organic) and precursor) | USPAT; EPO; JPO; DERWENT | 2002/05/08 09:27 |
| - | 30248 | (reduc\$3 or ammonia or nh3) and ((metal\$2 adj organic) or organometallic or metallo-organic) | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:01 |
| - | 6892 | (reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic) | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:02 |
| - | 4008 | ((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta) | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:03 |
| - | 1768 | ((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel) | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:05 |
| - | 3 | 438/686.ccls. and (((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) | USPAT; EPO; JPO; DERWENT | 2003/03/26 12:01 |
| - | 104491 | 438/\$3.ccls. | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:10 |
| - | 56 | (((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) and 438/\$3.ccls. | USPAT; EPO; JPO; DERWENT | 2002/05/08 11:10 |
| - | 33 | "5178911" | USPAT; JPO; DERWENT | 2002/05/08 14:56 |
| - | 548 | mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia) | USPAT; JPO; DERWENT | 2002/05/08 14:34 |
| - | 144 | 438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia)) | USPAT; JPO; DERWENT | 2002/05/08 14:36 |
| - | 13 | (438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))) and (refractory or noble) | USPAT; JPO; DERWENT | 2002/05/08 14:47 |
| - | 27 | "5480684" | USPAT; JPO; DERWENT | 2002/05/08 14:47 |
| - | 1207 | westmoreland | USPAT; JPO; DERWENT | 2002/05/08 14:56 |
| - | 477 | (nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor | USPAT; EPO; JPO; DERWENT | 2002/05/15 10:00 |
| - | 111 | ((nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor) and 438/\$3.ccls. and @ad<20010816 | USPAT; EPO; JPO; DERWENT | 2002/05/15 10:21 |
| - | 259 | (nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor | USPAT; EPO; JPO; DERWENT | 2002/05/15 11:31 |
| - | 75 | ((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor) and 438/\$3.ccls. and @ad<20010816 | USPAT; EPO; JPO; DERWENT | 2002/05/15 13:04 |
| - | 84 | (nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor | USPAT; EPO; JPO; DERWENT | 2002/05/15 11:35 |

| | | | | |
|---|-------|---|--------------------------|------------------|
| - | 32 | ((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor) and 438/\$3.ccls. and @ad<20010816 "6074945" | USPAT; EPO; JPO; DERWENT | 2002/05/15 13:05 |
| - | 14 | | USPAT; EPO; JPO; DERWENT | 2002/10/07 18:02 |
| - | 12 | ("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN. | USPAT | 2002/10/07 16:23 |
| - | 12 | ("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN. | USPAT | 2002/10/07 16:32 |
| - | 11 | 6074945.URPN. | USPAT | 2002/10/07 17:33 |
| - | 142 | ((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) | USPAT; EPO; JPO; DERWENT | 2002/10/07 18:03 |
| - | 88 | ((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel) | USPAT; EPO; JPO; DERWENT | 2002/10/07 18:35 |
| - | 88 | ((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel)) not (micron adj technology).asn. | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:16 |
| - | 20 | ((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and iridium | USPAT; EPO; JPO; DERWENT | 2002/10/07 18:35 |
| - | 204 | (metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:19 |
| - | 129 | ((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt) | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:20 |
| - | 76 | ((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2") | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:21 |
| - | 75 | ((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")) and @ad<20010816 (((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")))) and @ad<20010816 (((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")))) and @ad<20010816) and (metallo adj organic) | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:22 |
| - | 4 | reducing same (tdeat or tdmat) same metal | USPAT; EPO; JPO; DERWENT | 2002/10/08 13:22 |
| - | 7 | reducing same (tdeat or tdmat) same metal | USPAT; EPO; JPO; DERWENT | 2002/10/08 14:01 |
| - | 23740 | ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:17 |
| - | 0 | ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen) and metallo?organic | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:18 |

| | | | | |
|---|---------|--|--------------------------|------------------|
| - | 11630 | ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:22 |
| - | 2002178 | ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) | USPAT; EPO; JPO; DERWENT | 2002/11/01 13:34 |
| - | 5644 | ((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen)) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:22 |
| - | 7451 | ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:26 |
| - | 3503 | ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:22 |
| - | 449 | ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:23 |
| - | 271 | ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)) not (platinum or pt) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:24 |
| - | 5 | (((((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen))) not (platinum or pt)) and 438/\$3.ccls. | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:24 |
| - | 821 | ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:27 |
| - | 98 | ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 13:51 |
| - | 11 | ("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN. | USPAT | 2002/10/31 11:56 |

| | | | | |
|--|------|--|------------------------------------|------------------|
| | 0 | (("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:57 |
| | 7 | (("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:58 |
| | 0 | (("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) | USPAT; EPO; JPO; DERWENT | 2002/10/31 11:58 |
| | 2 | 5668040.pn. | USPAT; EPO; JPO; DERWENT | 2002/10/31 13:51 |
| | 11 | ("4959745" "5053917" "5191510" "5262920" "5293510" "5352623" "5366920" "5381302" "5382817" "5392189" "5466629").PN. | USPAT | 2002/10/31 13:52 |
| | 2 | 5856236.pn. | USPAT; EPO; JPO; DERWENT | 2002/11/01 13:20 |
| | 11 | ("h.sub.2" or hydrogen) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) | USPAT; EPO; JPO; DERWENT | 2002/11/01 13:38 |
| | 12 | (ir or rh or pd or ni or co) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) | USPAT; EPO; JPO; DERWENT | 2002/11/01 13:39 |
| | 2 | 5130172.pn. | USPAT; EPO; JPO; DERWENT | 2002/12/10 15:58 |
| | 2 | 5856236.pn. | USPAT; EPO; JPO; DERWENT | 2002/12/10 15:58 |
| | 3387 | @ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:15 |
| | 9 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and 438/681.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/03/26 12:58 |

| | | | | |
|--|-----|--|------------------------------------|------------------|
| | 41 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and ((etch\$3 or pattern\$3 or photolithography) with (organometallic or (metal\$2 adj organic))) @ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/03/26 13:06 |
| | 333 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:47 |
| | 3 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode and capacitor | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:31 |
| | 31 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode and capacitor | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:34 |
| | 90 | @ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:45 |
| | 17 | (@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:34 |
| | 257 | ((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:46 |
| | 218 | ((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) and @ad<20010816 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:48 |
| | 47 | ((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 18:37 |
| | 42 | ((((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta)) and @ad<20010816 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/01 17:48 |

| | | | | |
|---|------|---|------------------------------------|------------------|
| - | 26 | ((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/04 11:12 |
| - | 24 | ((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride) and @ad<20010816 6617248.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/08/04 11:13 |
| - | 2 | | USPAT; EPO; JPO; DERWENT | 2004/03/11 14:40 |
| - | 4391 | reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2") | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:05 |
| - | 1363 | reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2") | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:08 |
| - | 421 | (reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:06 |
| - | 393 | ((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:07 |
| - | 43 | ((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)) and (@ad<20010816 or @rlad<20010816)) and 438/\$3.cc1s. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 15:16 |
| - | 2 | 6143191.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:35 |
| - | 2 | 6294425.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/11 15:35 |
| - | 2 | 6197628.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 14:02 |
| - | 2986 | (reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<20010816 or @rlad<20010816)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 15:18 |
| - | 246 | (reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (tungsten or (tungsten adj nitride) or w or wn)) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 16:31 |

| | | | | |
|---|------|---|------------------------------------|------------------|
| - | 26 | ((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (tungsten or (tungsten adj nitride) or w or wn)) and (@ad<20010816 or @rlad<20010816)) and 438/\$3.cccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 16:38 |
| - | 4199 | ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (tungsten or (tungsten adj nitride) or w or wn) and (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 16:34 |
| - | 197 | ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) with (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 16:51 |
| - | 15 | ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) with (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<20010816 or @rlad<20010816)) and 438/\$3.cccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 16:38 |
| - | 43 | ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) same tungsten) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 17:41 |
| - | 26 | ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) same barrier) and (@ad<20010816 or @rlad<20010816) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/07/06 17:41 |